



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Sunday June 27, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



**SR ROC**  
REGIONAL OPERATIONS CENTER

- **Slight risk of excessive rainfall across various parts of the region today through Tuesday. Flash flood watches remain in effect today from E NM/W TX northeastward into NW AR.**
- **Isolated strong to severe storms possible today across NE OK, S NM, and far West Texas.**
- **Threat of locally heavy rainfall on Thursday across parts of OK/NW AR.**
- **A tropical wave over the far eastern Atlantic has a low chance of development as it moves into the central Atlantic.**
  - **No impacts to FEMA 6 in the next 5 days.**

# FEMA Region 6 Threat Matrix

Jun 27, 2021 - Jul 1, 2021



**SR ROC**  
REGIONAL OPERATIONS CENTER

DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	NE OK S NM/Far W TX				
Heavy Rain / Flash Flooding	E NM,W & NW TX, OK, NW AR, SETX/SW LA	SE NM,W TX, SETX, SW LA	SE NM,W TX		OK/NW AR
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding	OK	OK	OK	SETX, SAR	SETX, SAR
	SETX, SAR, LA	SETX, SAR, LA	SETX, SAR, LA		

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



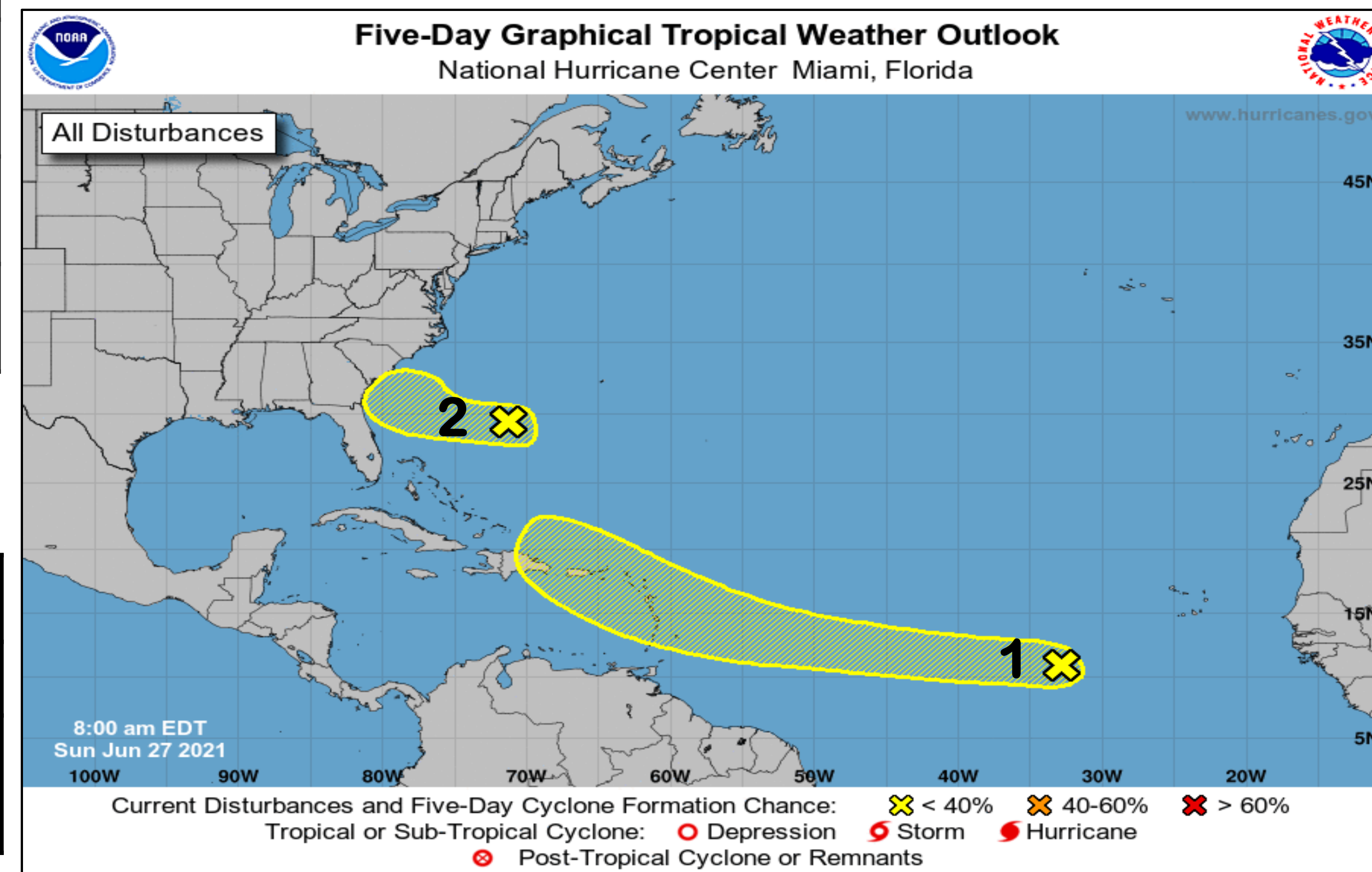
**SR ROC**  
REGIONAL OPERATIONS CENTER

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None in the next 5 days.
2	Low	No impacts to FEMA VI.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



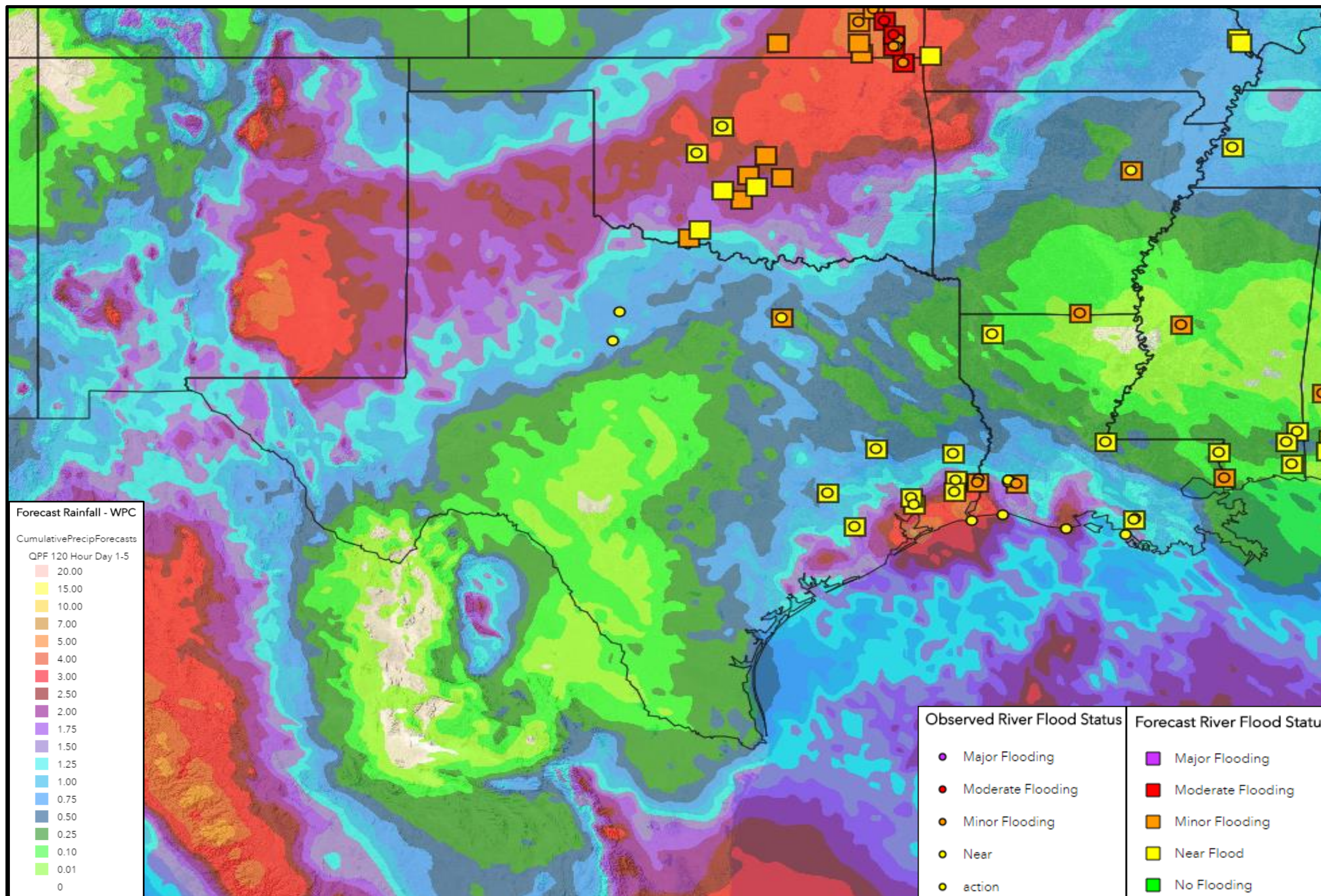


# 5-Day Precipitation Forecast & River Flood Status



SR ROC  
REGIONAL OPERATIONS CENTER

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Isolated minor river flooding continues across SE TX, AR, and LA with flooding of agricultural, recreational areas and secondary roads.**

**Based on the rain that occurred Saturday and the current rainfall forecast, the Neosho River in NE OK could rise into moderate flood by Monday morning. Low lying areas around Miami become cut off from easy access. Riverview Park experiences moderate flooding. State Highway 125 near the fairgrounds will be threatened.**

**Additional minor to moderate river flooding may occur in NE OK.**

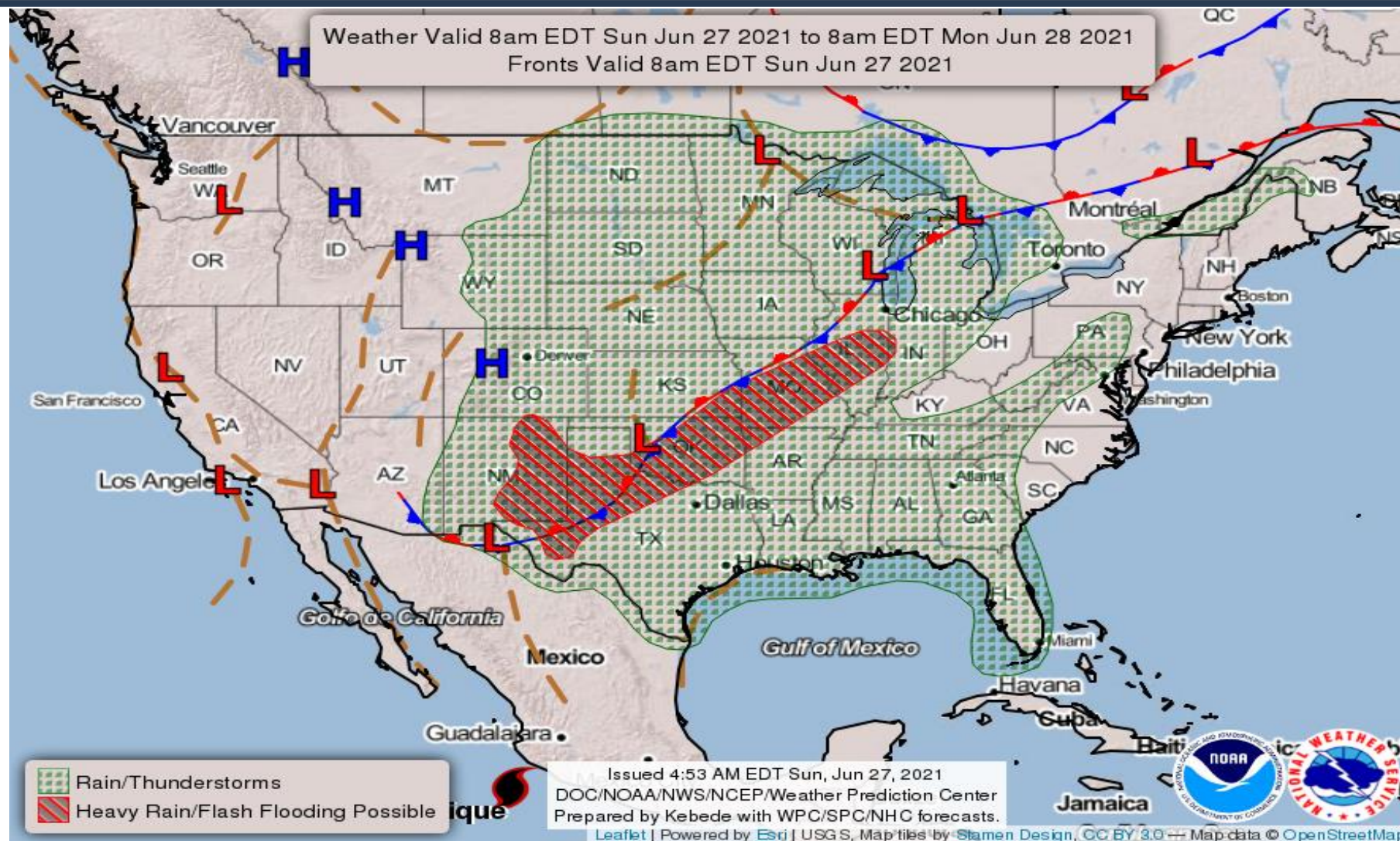


# Today's Weather

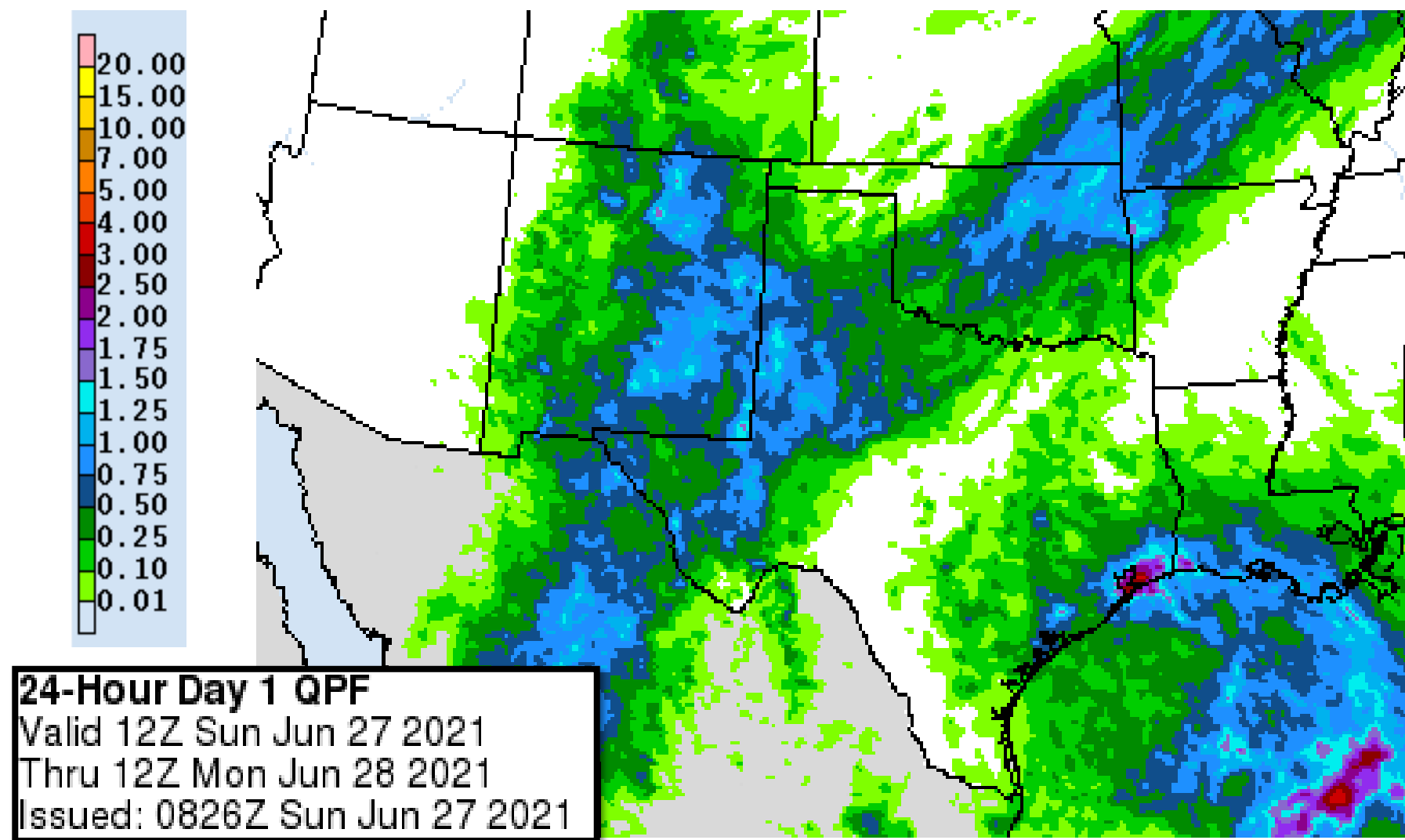


**SR ROC**  
REGIONAL OPERATIONS CENTER

# Forecast Chart



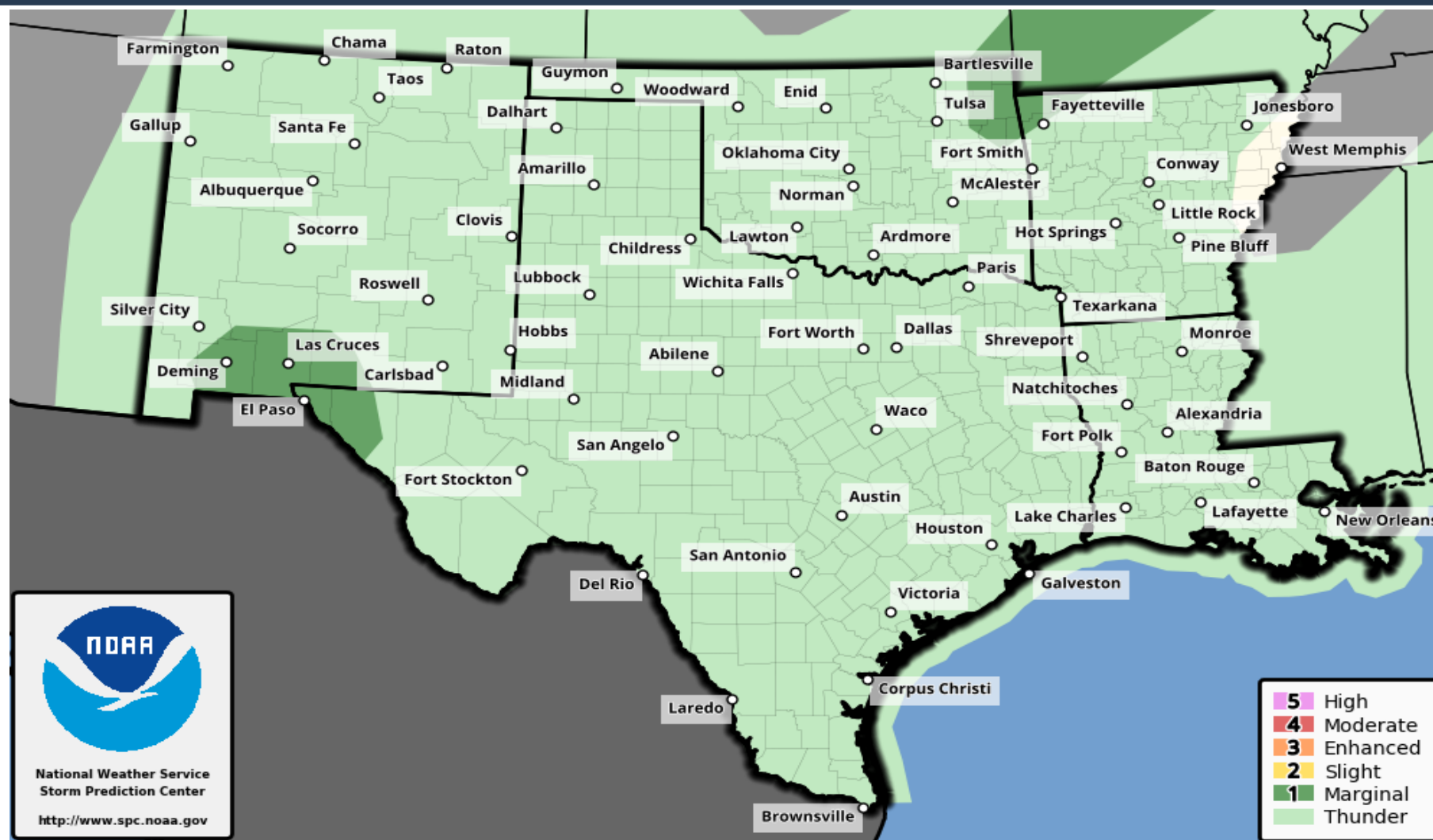
# Forecast Rainfall



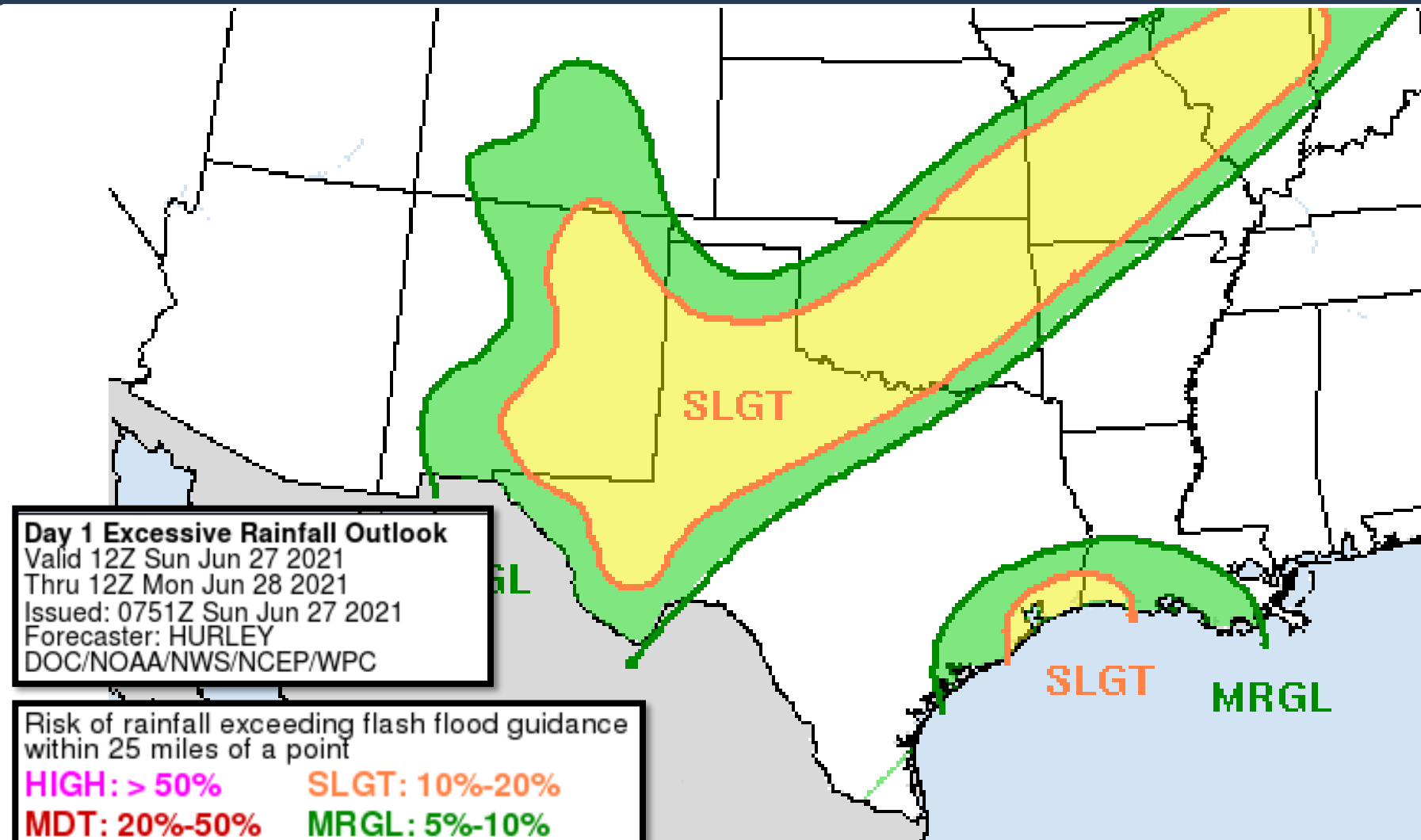
**Heavy rain/flooding possible  
from E NM into W & NW TX,  
OK, NW AR and across SE TX  
and SW LA.**

**Isolated strong to severe storms across NE OK, S NM, and far W TX. Main threats are isolated damaging wind gusts and large hail.**

# Severe Weather Outlook



## Excessive Rainfall Outlook



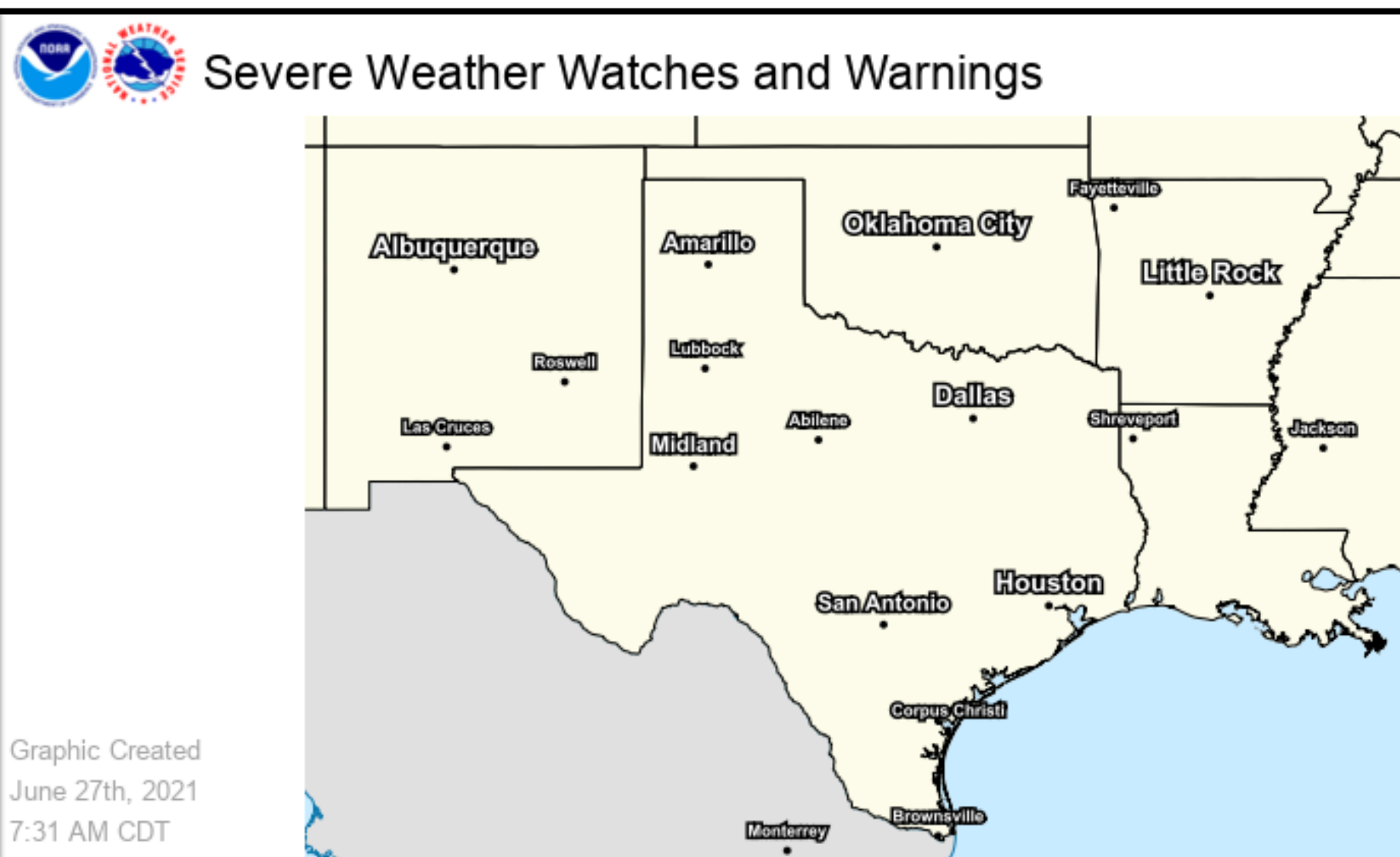


# Watches, Warnings, and Advisories

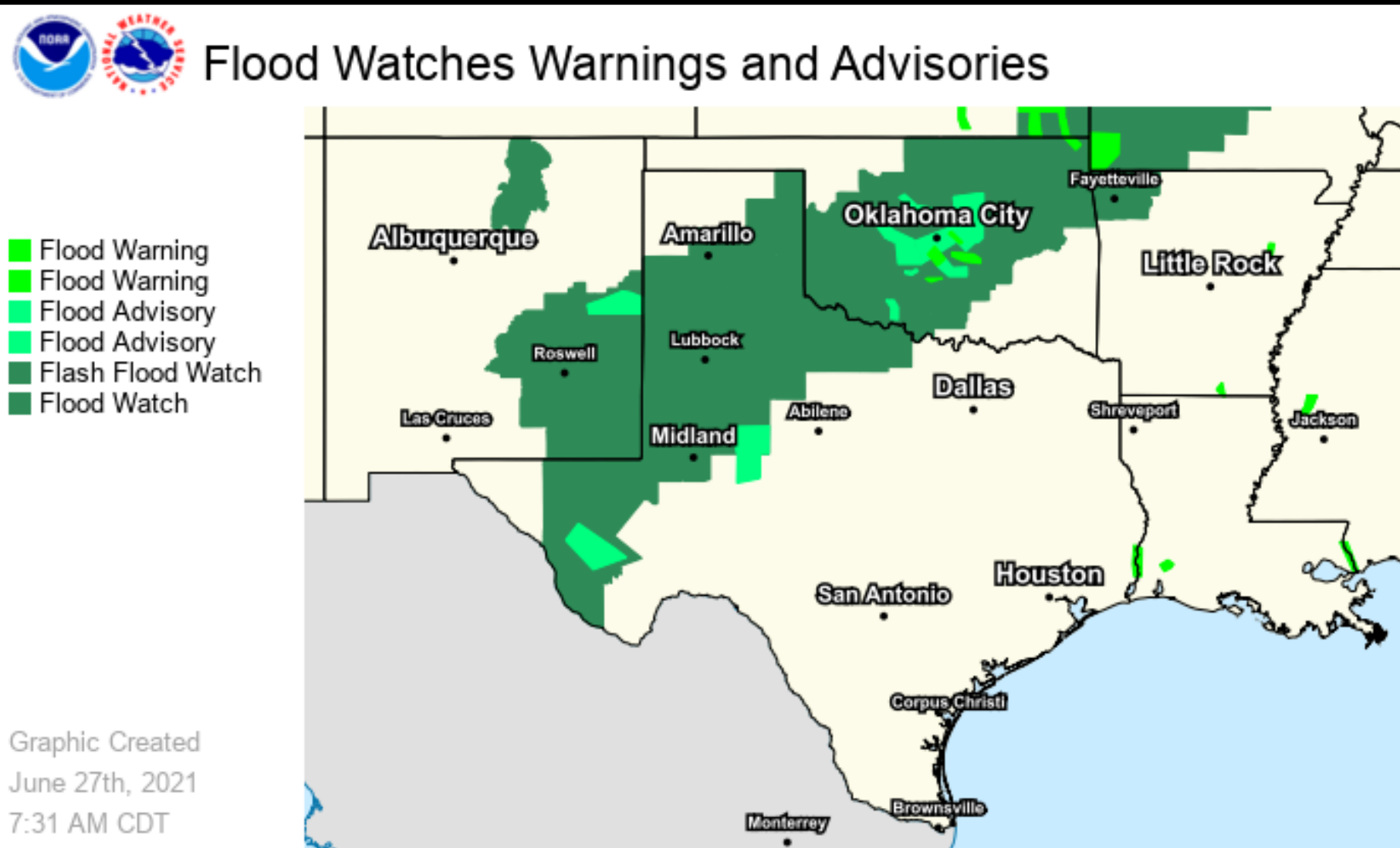
Wind, Severe, Winter, and Flood Hazards



SR ROC  
REGIONAL OPERATIONS CENTER



**Flood Watches remain in effect today across NM, TX, OK, and NW AR.**



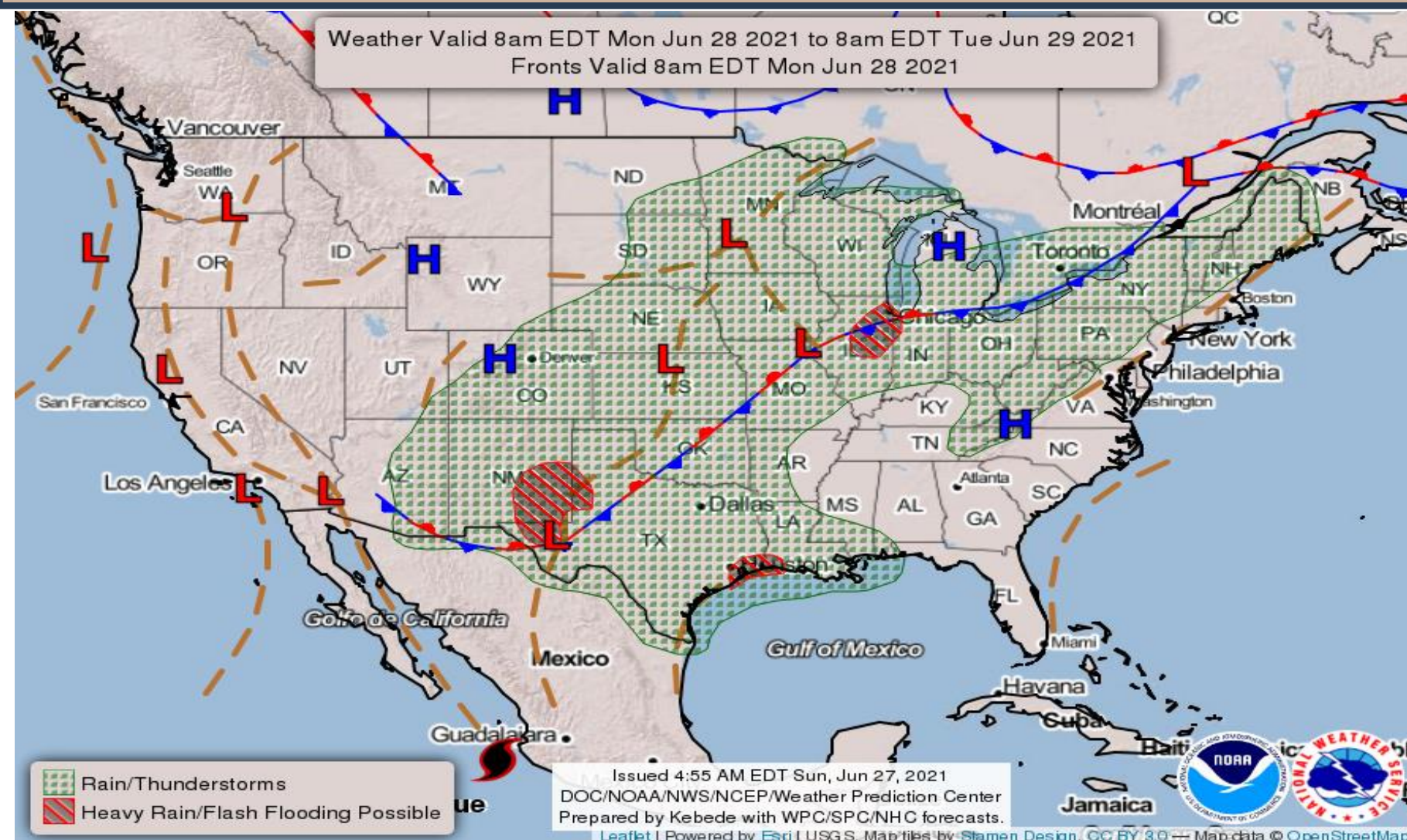


# Tomorrow's Weather

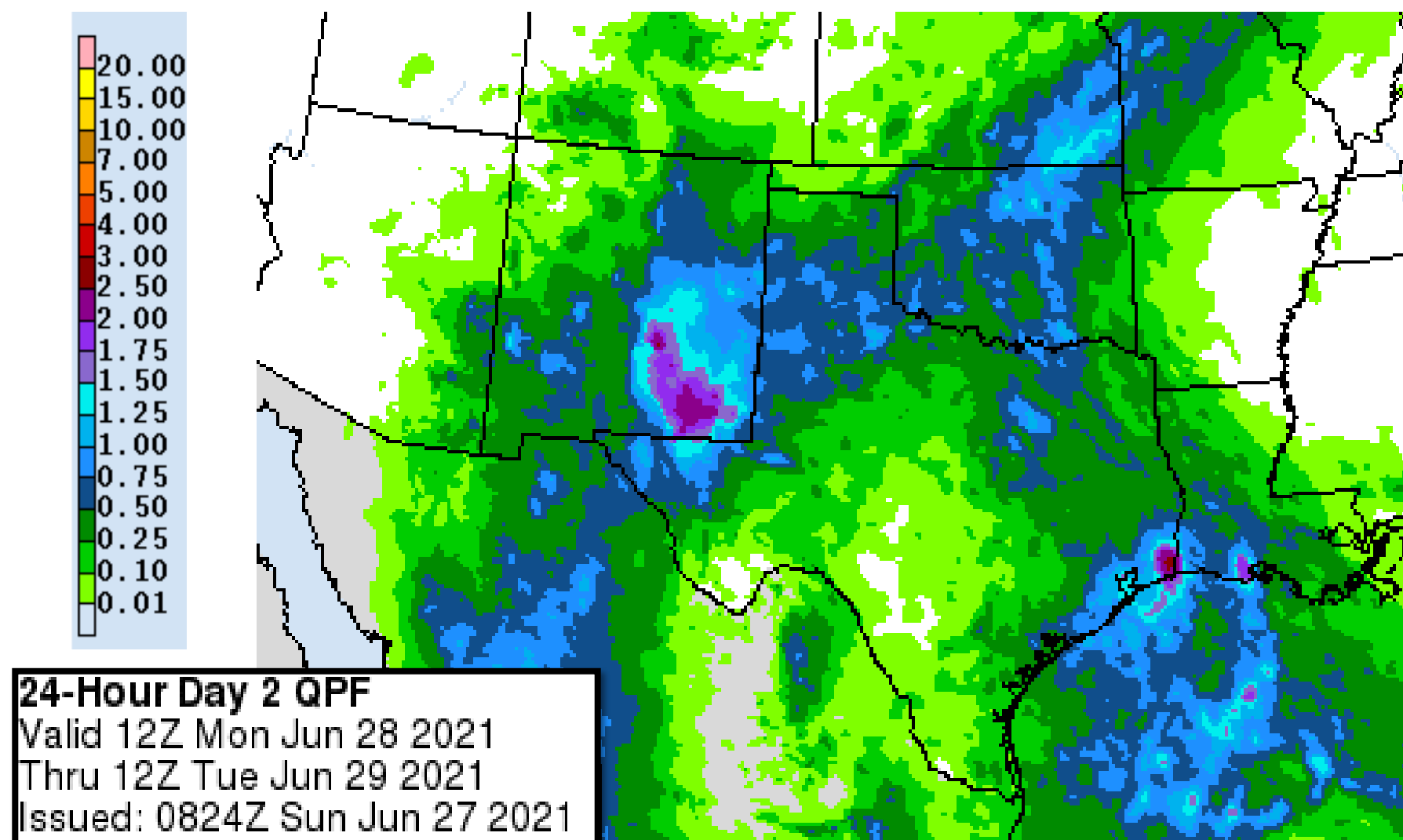


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

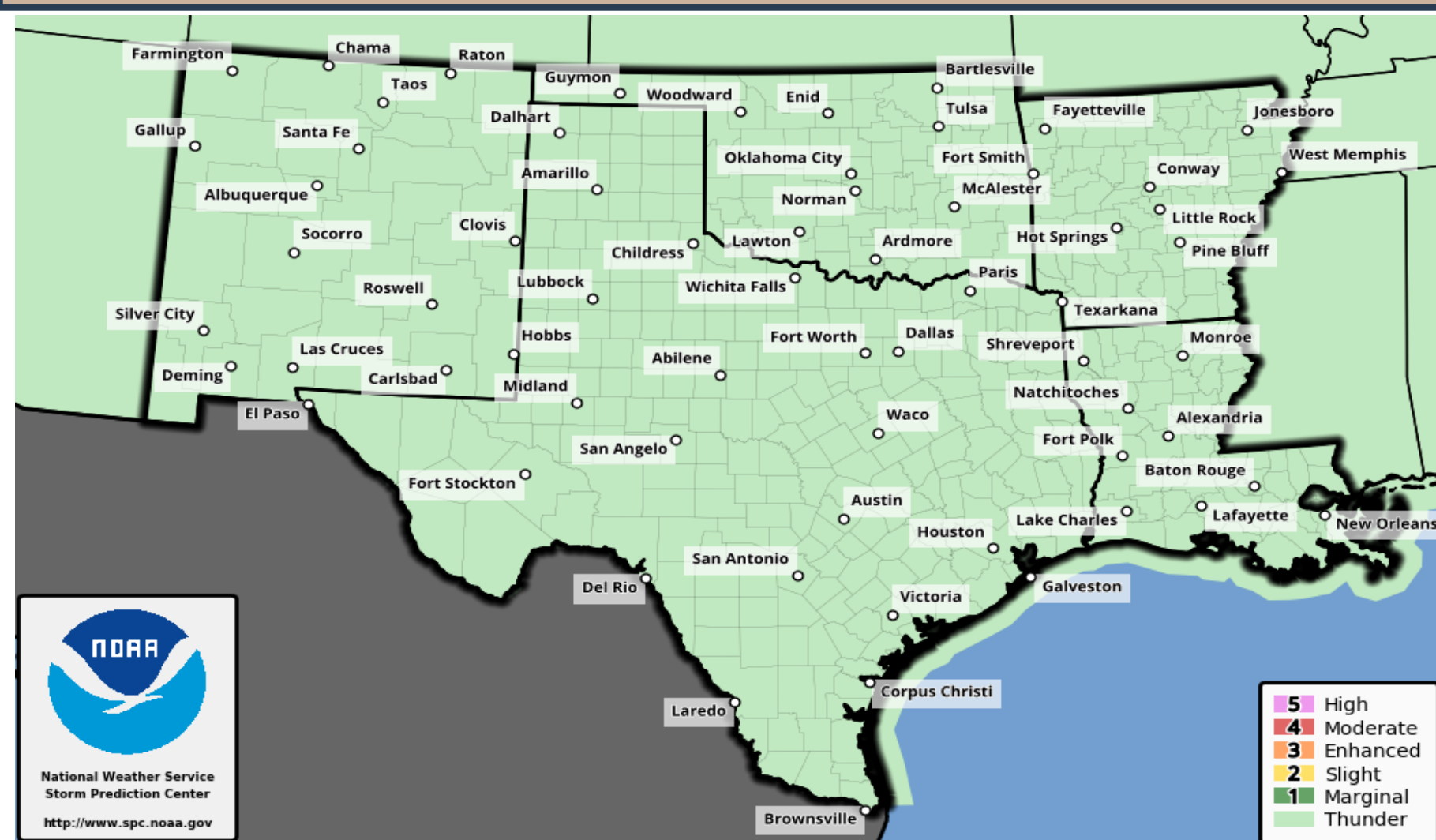


## Forecast Rainfall

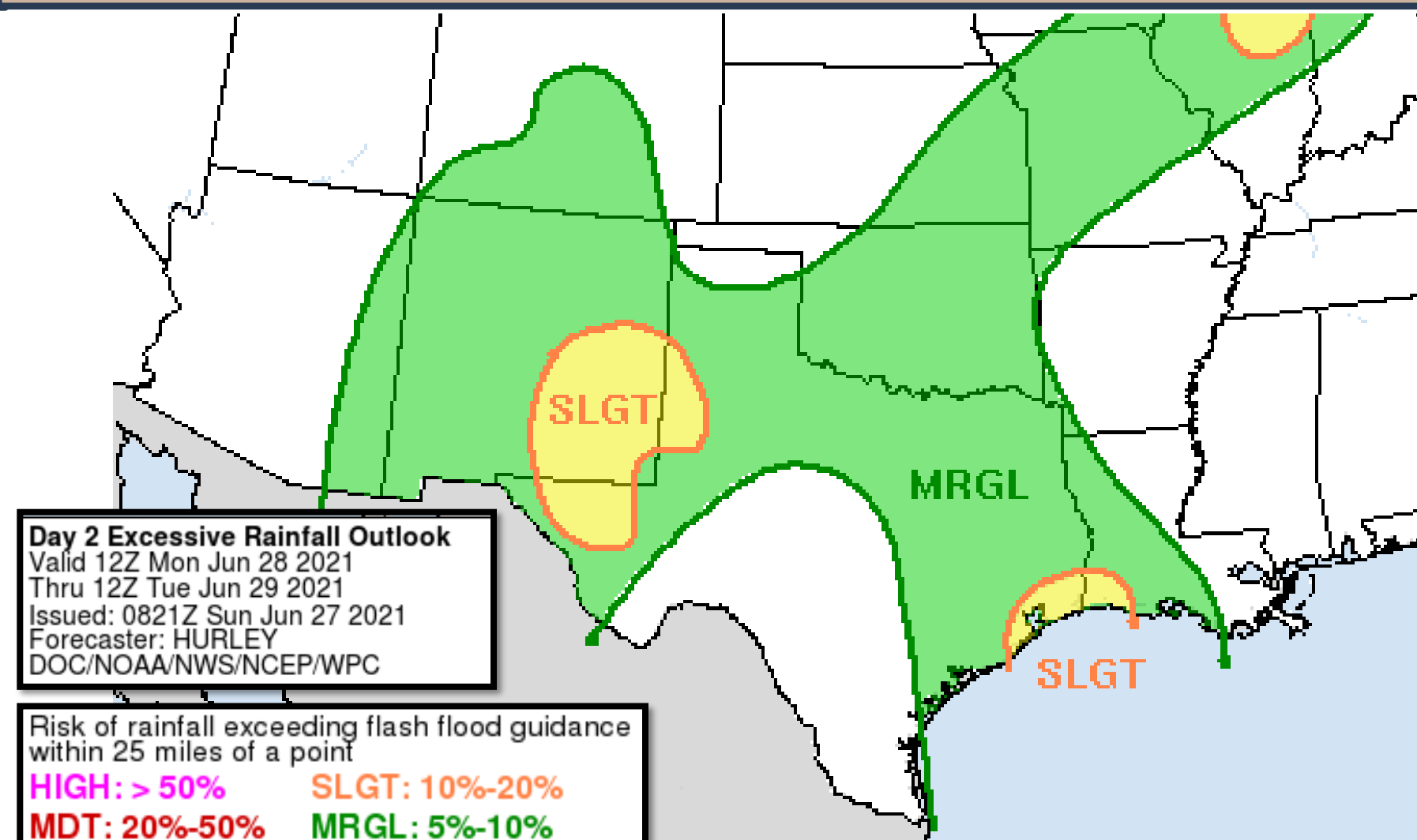


Heavy rain/flooding may be possible over SE NM, WTX and across SE TX, SW LA.

## Severe Weather Outlook



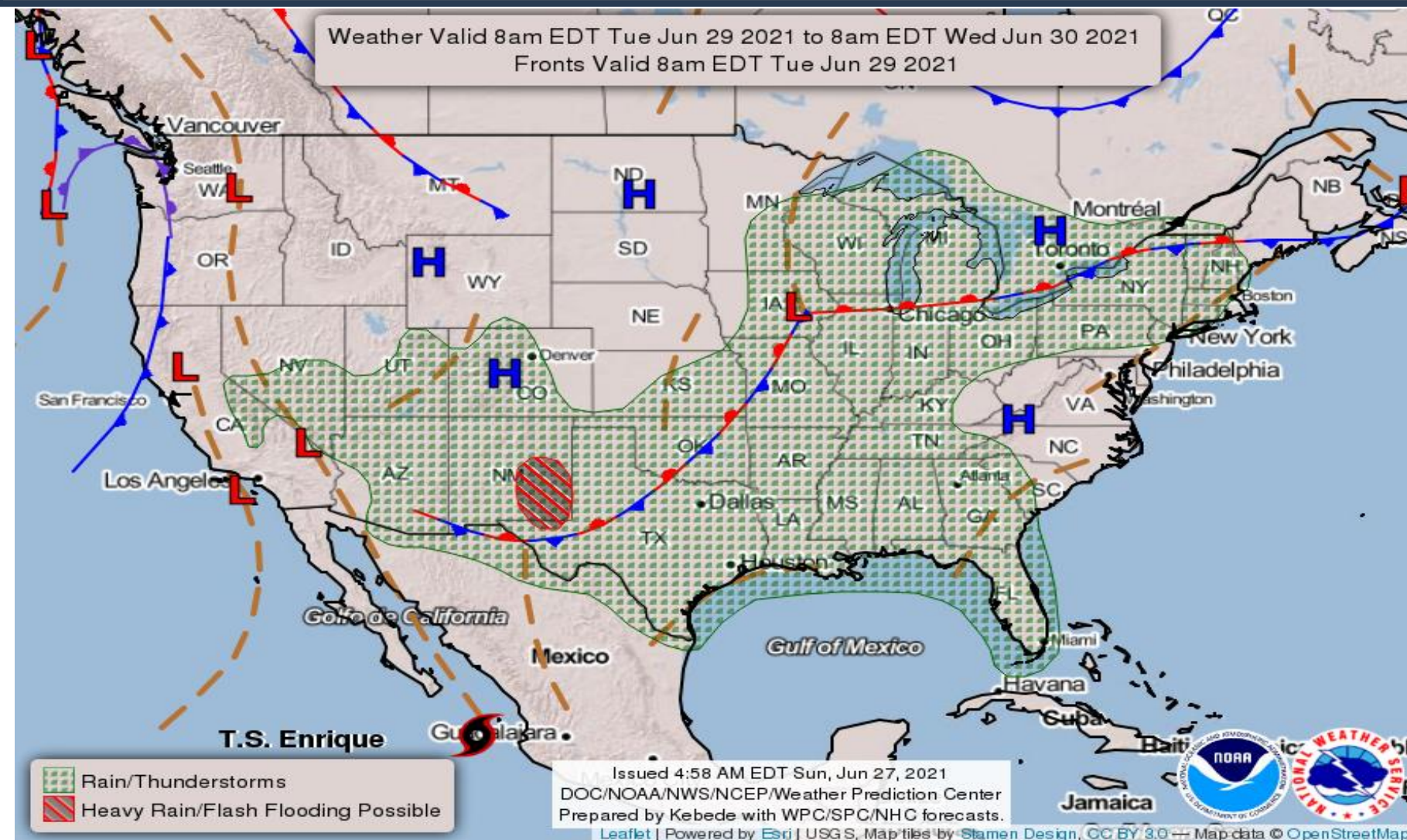
## Excessive Rainfall Outlook



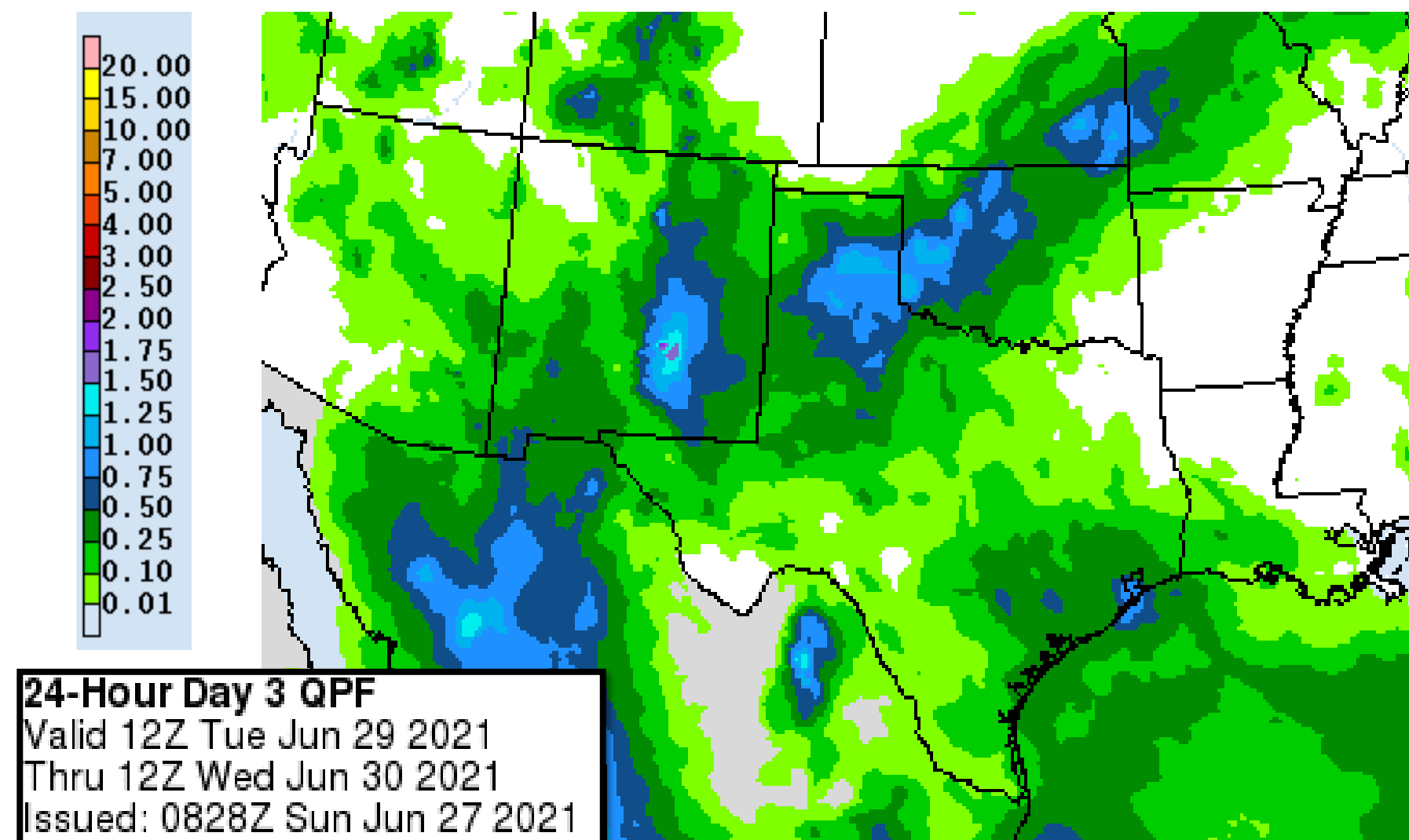


# Tuesday's Weather

## Forecast Chart

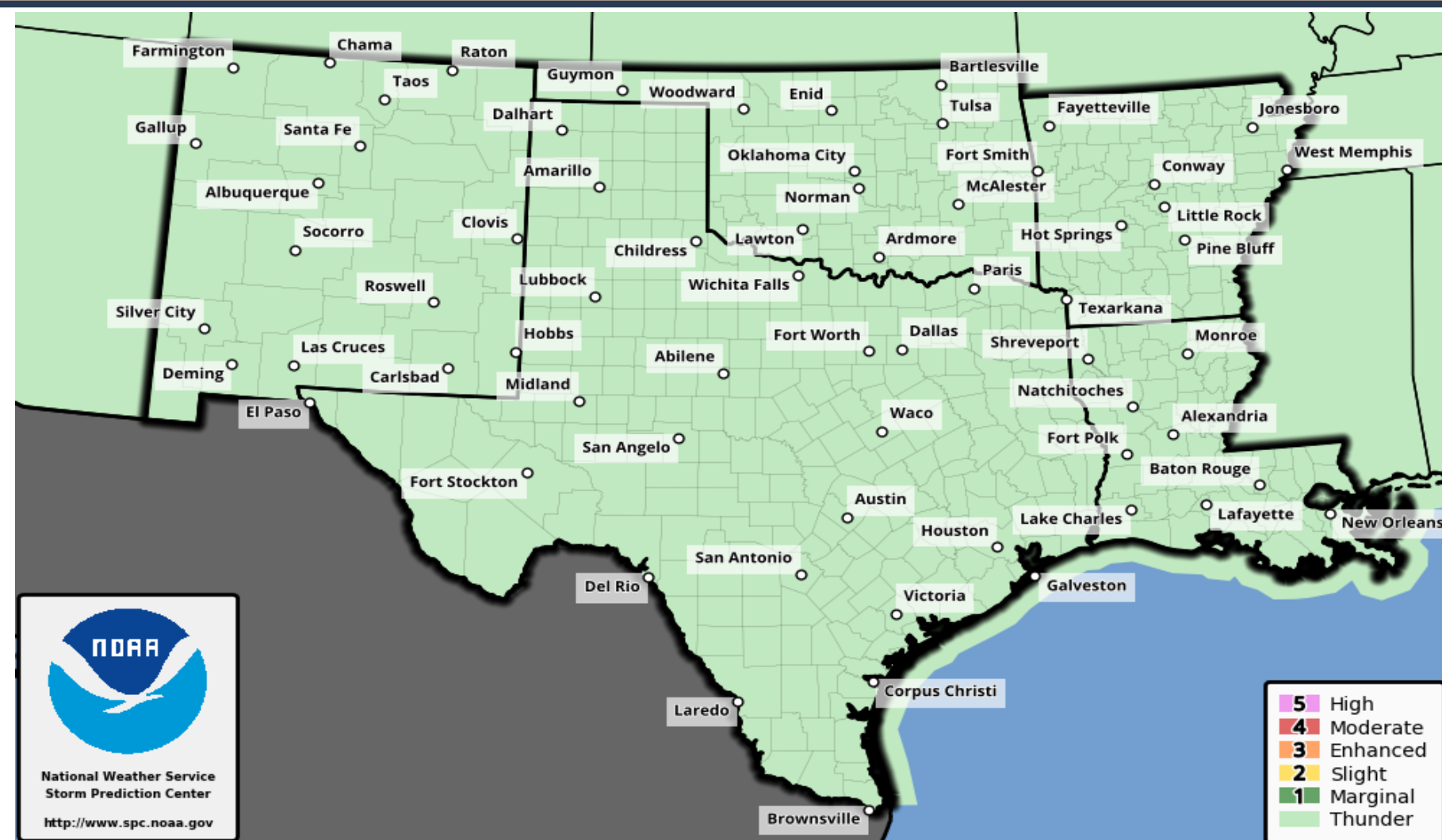


## Forecast Rainfall

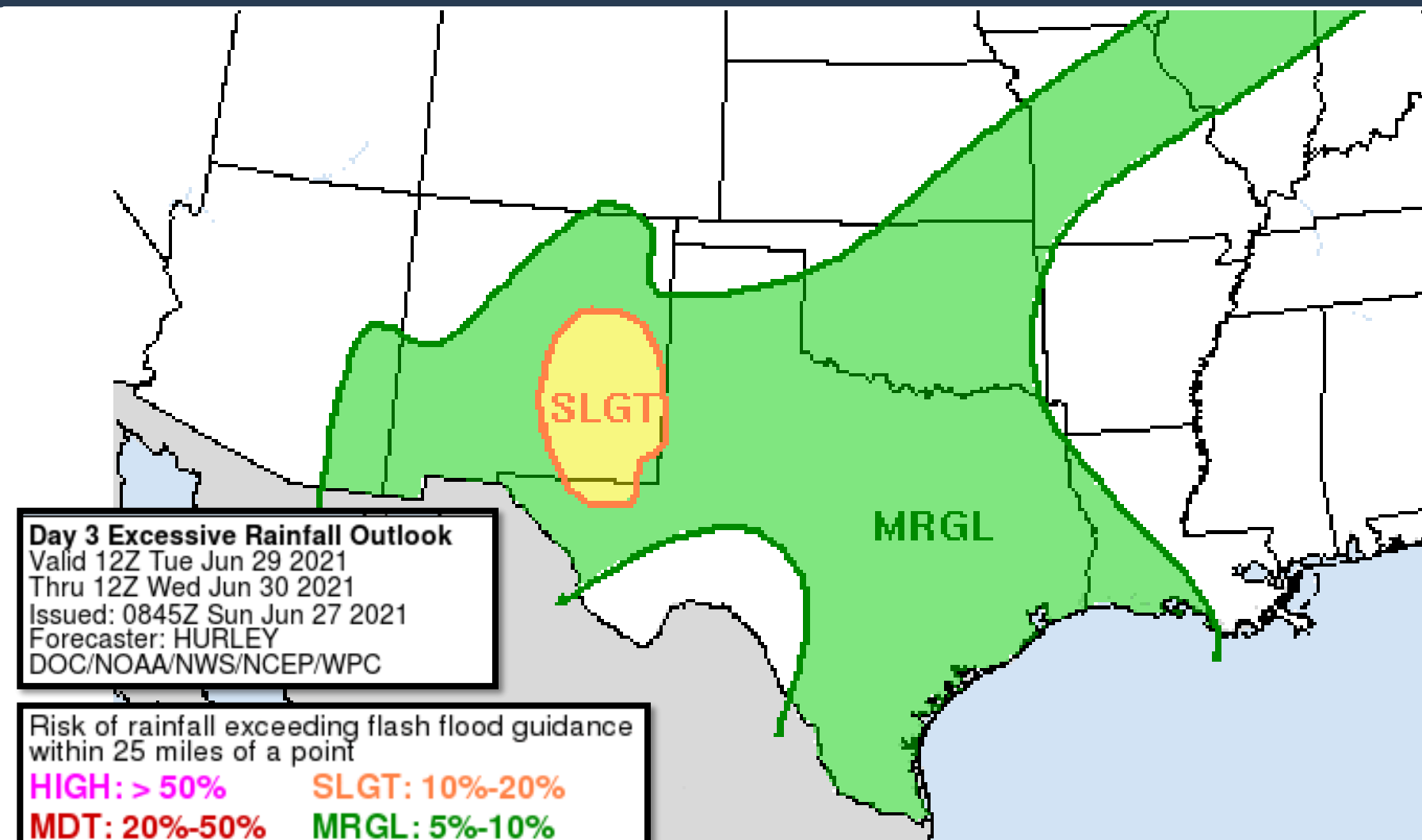


**Heavy rain/flooding may be possible over SE NM, W TX.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





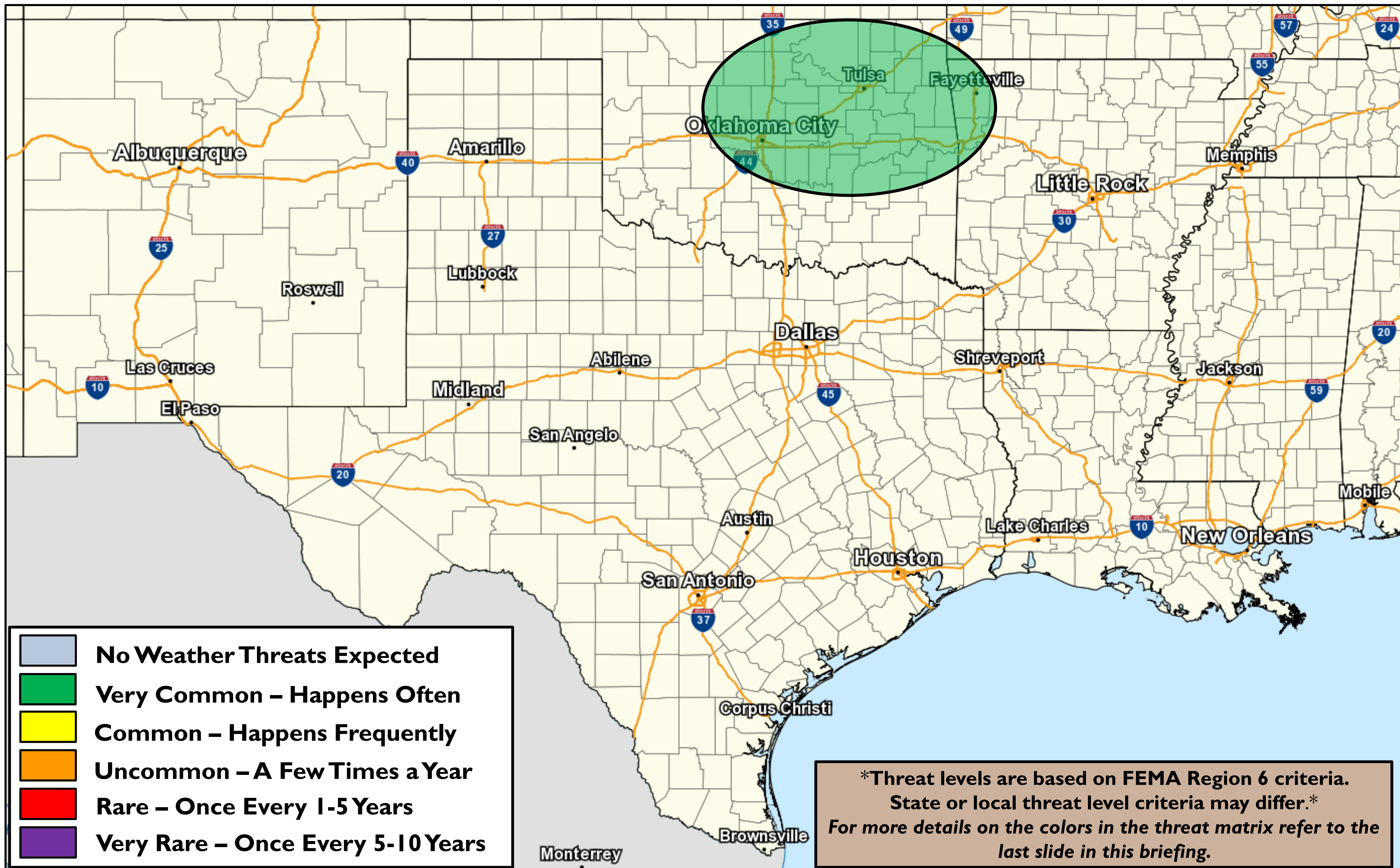
# Days 4-5 Weather Hazards

Wednesday - Thursday



SR ROC  
REGIONAL OPERATIONS CENTER

Threat of locally heavy rainfall  
on Thursday.



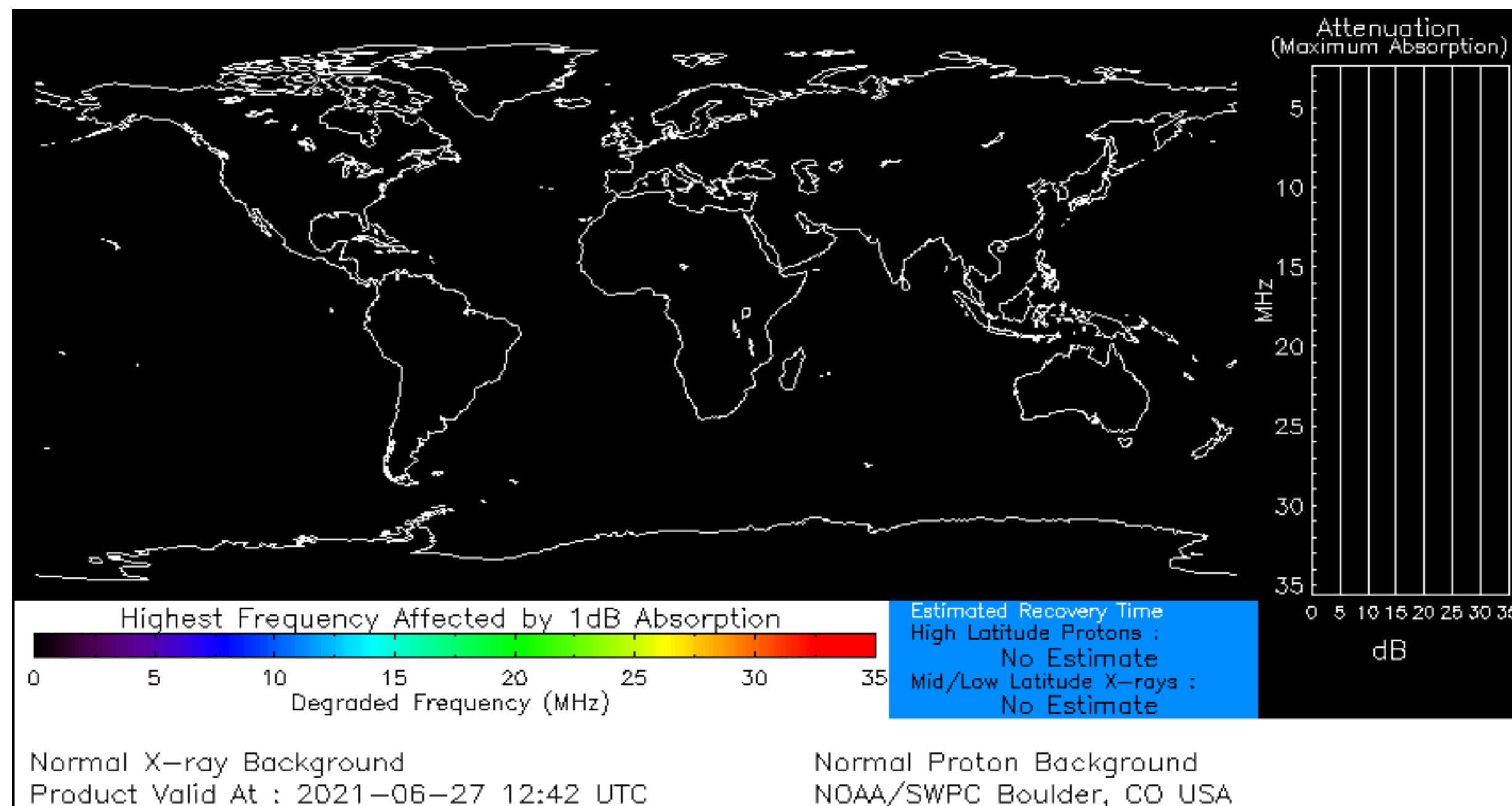


# Space Weather 3-Day Forecast



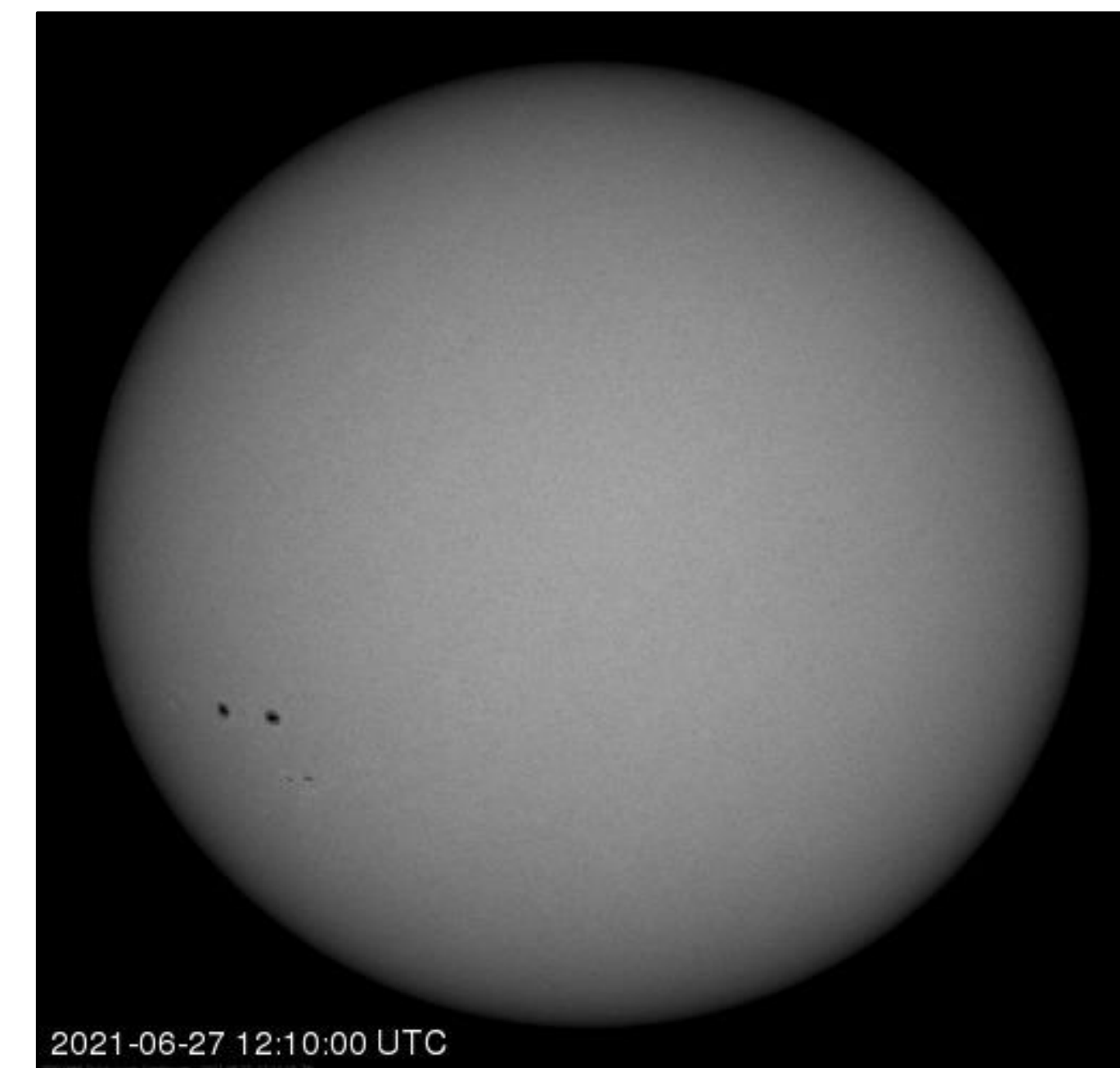
**SR ROC**  
REGIONAL OPERATIONS CENTER

	Sunday	Monday	Tuesday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>
<b>Radio Blackout (R1-R2)</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R3-R5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**